

Abstract

## A TOOTHBRUSH WITH ELASTOMER FILLED FLEXIBLE HEAD

The invention relates to a toothbrush comprising:

- i) an elongated handle having distal and proximal ends and one or more elastomeric handle regions therein; and
- ii) a resiliently flexible head attached to the proximal end of the handle, the head including a pair of opposing faces, one of the pair being a bristle-bearing face with bristles attached to and extending from the face, wherein at least one of the pair has one or more elastomer-containing, transverse grooves therein; and
- iii) one or more elastomer supply channels extending between the elastomeric handle regions and the transverse grooves,

whereby at least one of the elastomeric handle regions and the transverse grooves can be filled with elastomer from a single injection point.

The elastomeric regions in the head can be used to make the head flexible and the whole brush can conveniently be made on conventional machines.